

# Hybrid S451H

PC/ABS

Ravago Manufacturing Americas



## Product Description

PC/ABS, High Flow, Flame Retardant

Property	Test Method	Value DAM	Units
<b>Physical</b>			
Specific Gravity	ISO 1183	1.25	-
Melt Flow (260°C/2.16kg)	ASTM D 1238	20	g/10 min
Shrinkage (Flow Direction, 1/8 in.)‡	ISO 294-4	0.5-0.7	%
<b>Mechanical</b>			
Strength at Break	ISO 527-1	63	MPa
Strain at Break	ISO 527-1	45	%
Flexural Modulus	ISO 178	2550	MPa
Flexural Strength	ISO 178	84	MPa
Notched Izod Impact	ISO 180	46	kJ/m <sup>2</sup>
Hardness (M-Scale)	ISO 2039	-	-
<b>Thermal</b>			
Heat Deflection Temperature			
0.45 MPa	ISO 75-2/B	107	°C
1.80 MPa	ISO 75-2/A	94	°C
Vicat Softening Temperature	ISO 306	110	°C
<b>Flammability</b>			File Number E157012
Flammability Classification	UL 94		
1.5 mm		V0	-
2.5 mm		-	

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All data displayed herein has been obtained via testing of injected molded specimens of natural color. Pigmentation may affect certain properties to various degrees.

‡ Shrinkage data are general guidelines and are only intended to allow comparison to other materials. They should not be used as the sole source of information for generating core and cavity mold dimensions.